Gates & Cooper

RECEIVED
CENTRAL FAX CENTER
APR 2 8 2008

Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, California 90045

FAX TRANSMISSION TO USPTO

TO:

Commissioner for Patents

Atm: Examiner Charles D. Adams

Patent Examining Corps

Facsimile Center

Alexandria, VA 22313-1450

FROM:

George H. Gates

OUR REF.: TELEPHONE: SVL920030024US1 (310) 642-4146

Total pages, including cover letter: 17

PTO FAX NUMBER: 571-273-8300

If you do NOT receive all of the pages, please telephone us at (310) 641-8797, or fax us at (310) 641-8798.

| Title of Document Transmitted: | TRANSMITTAL DOCUMENTS (2) AND AMENDMENT UNDER 37 C.F.R. §1.111 |
|--------------------------------|---|
| Applicant | Guogen Zhang et al. |
| Serial No.: | 10/629,459 |
| Filed: | July 29, 2003 |
| Group Art Unit: | 2164 |
| Title: | DYNAMIC SELECTION OF OPTIMAL GROUPING SEQUENCE AT RUNTIME FOR GROUPING SETS, ROLLUP AND CUBE OPERATIONS IN SQL QUERY PROCESSING |
| Our Ref. No.: | SVL920030024US1 |

Please charge all fees to Deposit Account No. 09-0460 of IBM Corporation, the assignee of the present application.

Name: George H. Gates

Reg. No.: 33,500

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

MANGKULAN

28 APR 2008

Date

GHG/kmk

G&C 30571.291-US-01

RECEIVED 106418798 **CENTRAL FAX CENTER** APR 2 8 2008

Due Date: April 28, 2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Guogen Zhang et al.

Examiner:

Charles D. Adams

Scrial No.:

10/629,459

Group Art Unit:

2164

Docker:

SVL920030024US1

Filed: Title: July 29, 2003

DYNAMIC SELECTION OF OPTIMAL GROUPING SEQUENCE AT RUNTIME FOR GROUPING SETS, ROLLUP AND CUBE OPERATIONS IN SQL QUERY PROCESSING

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office

on April 28, 2008.

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.

Amendment Under 37 C.F.R. \$1.111.

CLAIMS PRESENT

| | ODIAL/20 X 2400 O | | | | | | |
|-----------------------|-------------------------------------|-----------------|---|----------|-----|----------------|--|
| Claims Remaining: | Highest Number Previously Paid For: | Number Extra | | Rate | Fee | | |
| Total Claims | | | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | | | | |
| 9 | 20 | 0 | x | \$50.00 | _== | \$ <u>0.00</u> | |
| Independent Claims | | | | | | | |
| 3 | 3 | 0 | x | \$210.00 | = | \$0.00 | |
| MULTIPLE DEPENDENT CL | AIM FEE | | | | | \$0.00 | |
| TOTAL FILING FEE | | | | | | \$0.00 | |

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 09-0460 of IBM Corporation, the assignee of the present application. A duplicate of this paper is enclosed.

Customer Number 45729

GATES & COOPER LLP

Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, CA 90045 (310) 641-8797

Reg. No.: 33,500

GHG/kmk

G&C 30571.291-US-01

Due Date: April 28, 2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Guogen Zhang et al.

Examiner:

Charles D. Adams

RECEIVED

Serial No.:

10/629,459

Group Art Unit:

2164

CENTRAL FAX CENTER

Filed:

July 29, 2003

Docket:

SVL920030024US1

APR 9 8 2008

Title:

DYNAMIC SELECTION OF OPTIMAL GROUPING SEQUENCE AT RUNTIME FOR

+13106418798

GROUPING SETS, ROLLUP AND CUBE OPERATIONS IN SQL QUERY PROCESSING

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office

on April 28, 2008.

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.

Amendment Under 37 C.F.R. §1.111.

CT AIMS DOFSENT

| Claims Remaining: | Highest Number Previously Paid For: | Number Extra | | Rate | | Fee |
|-----------------------|-------------------------------------|-----------------|---|----------|----|--------|
| Total Claims | | | | | | |
| 9 | 20 | 0 | x | \$50.00 | = | \$0.00 |
| Independent Claims | | | | | | |
| 3 | 3 | 0 | x | \$210.00 | _= | \$0.00 |
| MULTIPLE DEPENDENT CL | AIM FEE | | | | | \$0:00 |
| TOTAL FILING FEE | | | | | | \$0.00 |

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 09-0460 of IBM Corporation, the assignee of the present application. A duplicate of this paper is enclosed.

Customer Number 45729

GATES & COOPER LLP

Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, CA 90045 (310) 641-8797

Name: George H. Gates

Reg. No.: 33,500

GHG/kmk

G&C 30571.291-US-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED **CENTRAL FAX CENTER**

Applicant:

Guogen Zhang et al.

Examiner:

Charles D. Adams

Serial No.:

10/629,459

Group Art Unit:

2164

APR 2 8 2008

Filed: Title:

July 29, 2003

FROM-Gates & Cooper LLP

Docket

SVL920030024US1

DYNAMIC SELECTION OF OPTIMAL GROUPING SEQUENCE AT

RUNTIME FOR GROUPING SETS, ROLLUP AND CUBE OPERATIONS IN SQL QUERY PROCESSING

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via facsimile to the United States Patent and

Trademark Office (PTO) on April 28, 2008.

Name: Kathleen Krochko

AMENDMENT UNDER 37 C.F.R. §1.111

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated January 28, 2008, please amend the above-identified application as follows.